

# Service Manual

**NATIONAL****TAPE RECORDER****PANASONIC**

## 8-TRACK STEREO CARTRIDGE TAPE DECK

# Original

**RS-845US MECHANISM SERIES****MODEL RS-806US**

### SPECIFICATIONS

Power Source:	AC: 90~109, 110~125, 200~219, 220~250 volts; 50/60 Hz	Tape Speed:	3-3/4 ips.
Power Consumption:	20 W	Fast Forward Time:	Approx. 100 seconds with 100 feet tape
Motor:	Electronic governor motor	Rewind Time:	Approx. 100 seconds with 100 feet tape
Transistors:	2SB348(2) 2SB346(4) 2SA101C(2) 2SB172A(1) 2SB175B(1) 2SC1096(1) 2SB324(1)	Frequency Response:	50~15,000 Hz
Diodes & Rectifiers:	OA90Z(2) 1S1211(3) FR202(1) S0501(2) KC2DP22/1(2)	Inputs:	2 "MIC" -74 dB 200~600Ω 2 "LINE IN" -26 dB 100 kΩ
Track System:	8-track stereo system	Outputs:	2 "LINE OUT" -2 dB 6.8 kΩ "HEADPHONE" 8Ω
Recording System:	AC bias 35 kHz	Program Time:	One hour with 300 feet tape
Erasing System:	AC erase	Dimensions:	16-5/8" (W) × 4-1/8" (H) × 9-1/4" (D)
		Weight:	12-1/8 lbs.

These specifications are subject to change in order to accommodate improvements in design.

**MATSUSHITA ELECTRIC**  
**MATSUSHITA ELECTRIC TRADING CO., LTD.**

P. O. Box 288 Central, Osaka, Japan



ORDER NO. ARD-7202100

# LOCATION OF PARTS

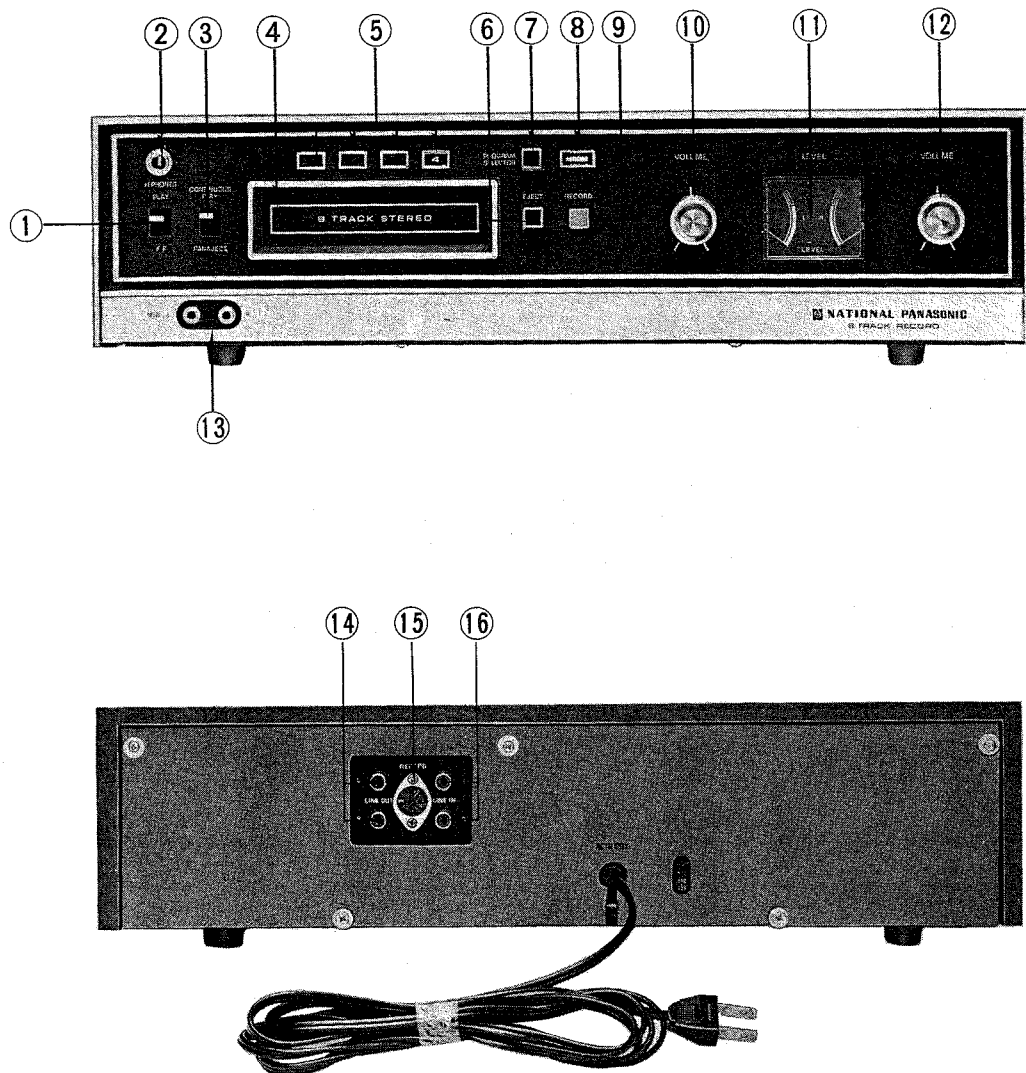


Fig. 1

- |                             |                                    |
|-----------------------------|------------------------------------|
| ① PLAY/FF selector          | ⑨ Record button                    |
| ② Headphone jack            | ⑩ Volume control (LEFT)            |
| ③ Automatic ejection switch | ⑪ Level meter                      |
| ④ Tape slot                 | ⑫ Volume control (RIGHT)           |
| ⑤ Program indicator         | ⑬ Microphone jacks                 |
| ⑥ Ejection button           | ⑭ Line output jacks                |
| ⑦ Program selector          | ⑮ Record/playback connector socket |
| ⑧ Recording indicator       | ⑯ Line input jacks                 |

# MECHANICAL ADJUSTMENTS

## PROGRAM SELECTION

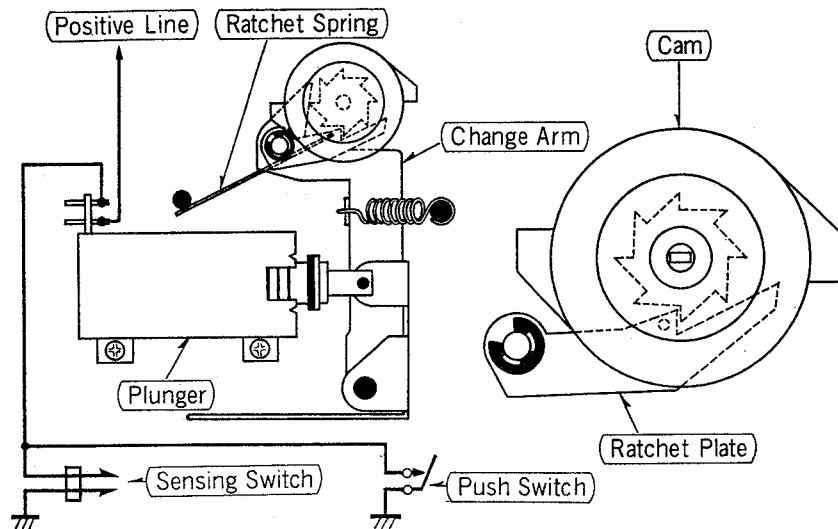


Fig. 2

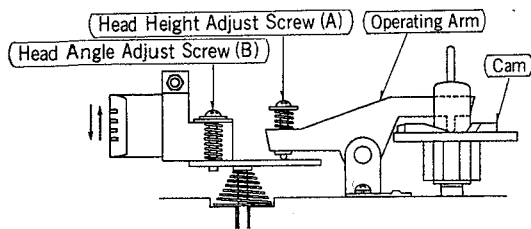


Fig. 3

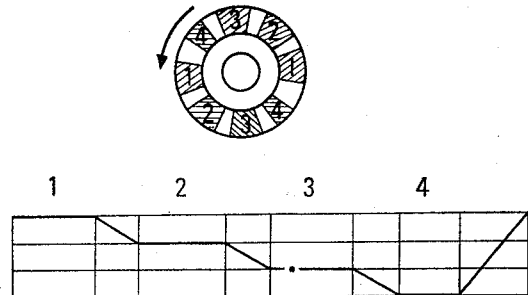


Fig. 4

### Manual Selection

1. When the push switch is pressed, the plunger is made to function.
2. The plunger pulls the change arm to left and the change arm returns back to former position (right side) immediately.
3. Change arm moves the ratchet plate to turn the cam when it returns to right.
4. As the cam rotates, the head is moved, being kept horizontally, up and down perpendicularly through the operating arm. The programs can then be selected.

The convex portion of the operating arm hits upon the surfaces of 1, 2, 3 and 4 shown in the figure.

For instance, when it hits upon the surface of 4, the head is placed in the topmost position and the head slits comes to tracks 1 and 5.

### Automatic Selection

If the sensing foils is attached to the cartridge tape, the plunger functions when the sensing contacts are closed by the sensing foil, thereby selecting a program can be made automatically.

## PRESSURE OF PRESSURE ROLLER

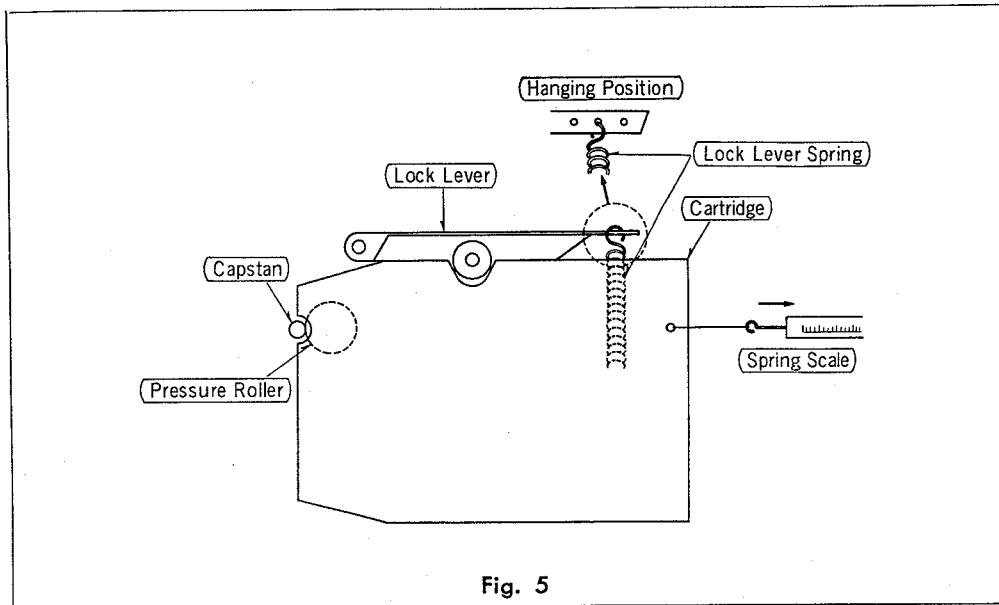


Fig. 5

Instrument required: Standard cartridge for measuring pressure of pressure roller, spring scale.

Measuring figure: Refer to fig. 5.

Measuring method: Insert the standard cartridge in the tape player, and take the measure-

Standard value:

ment by pulling it with the spring scale as shown in fig. 5.

1450 $\pm$ 100 gr.

Adjustment:

Make adjustment with the Lock lever spring. Change hanging position of lock-lever.

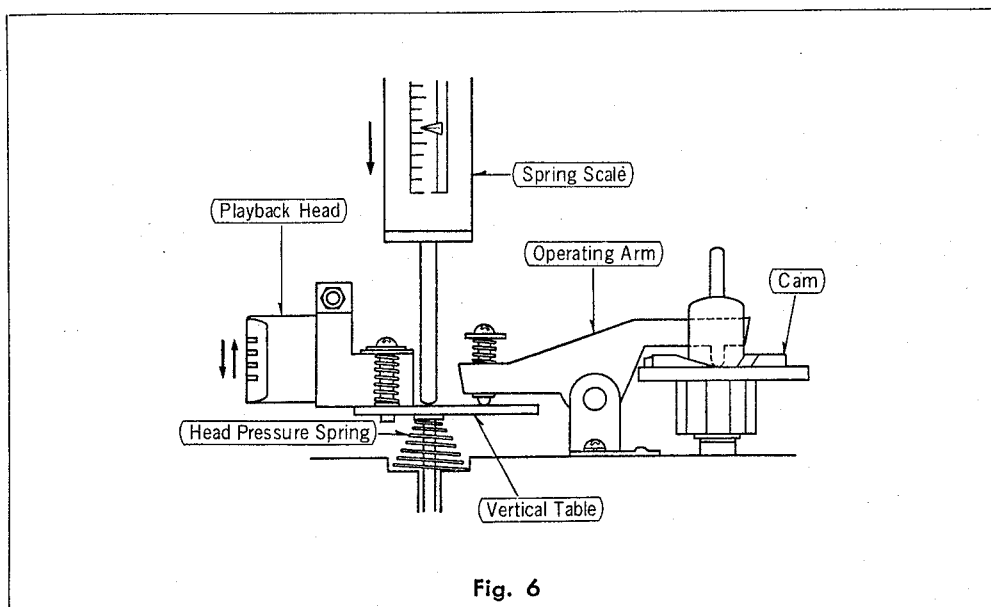


Fig. 6

Instrument required: Spring scale.

Measuring figure: Refer to fig. 6.

Measuring method: Place the set into the mode of program 1, and make the meas-

Standard value:

urement by push it downward with the spring scale as shown in fig. 6.

180 $\pm$ 20 gr.

## PLUNGER LOAD

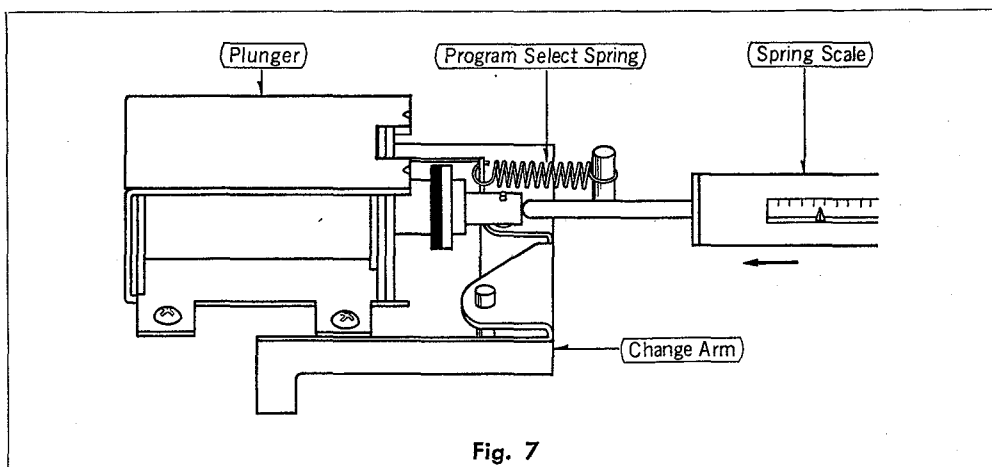


Fig. 7

Instrument required: Spring scale.

Measuring figure: Refer to fig. 7.

Measuring method: Apply the spring scale as shown in fig. 7, push in the plunger, and measure the maximum value at the

Standard value:  $215 \pm 20$  gr.

Adjustment:

end point.

Make the adjustment by using the program select spring.

## AMPLIFIER ADJUSTMENTS

### HEAD HEIGHT POSITION CONTROL AND ANGLE ADJUSTMENT

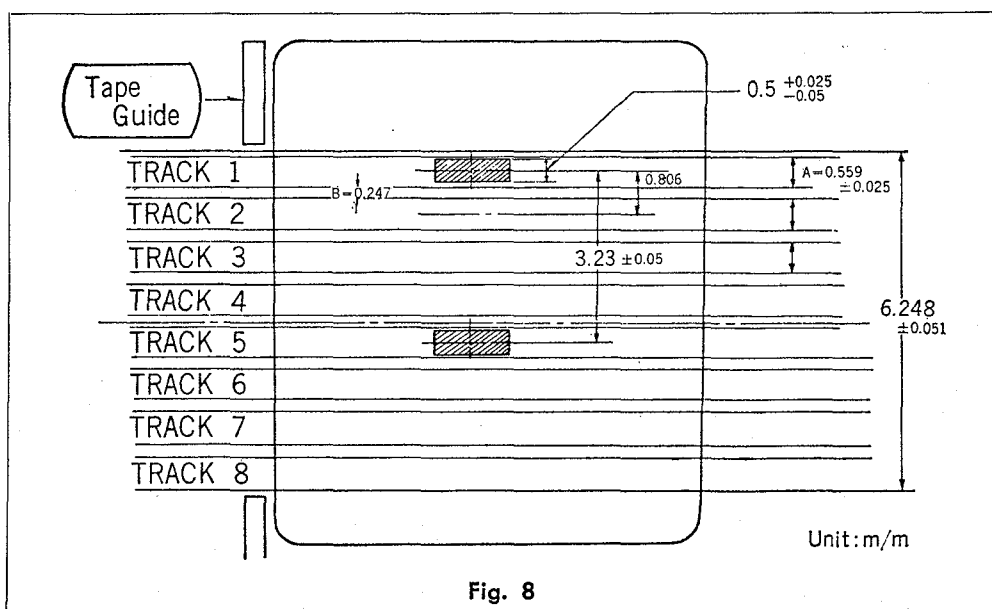
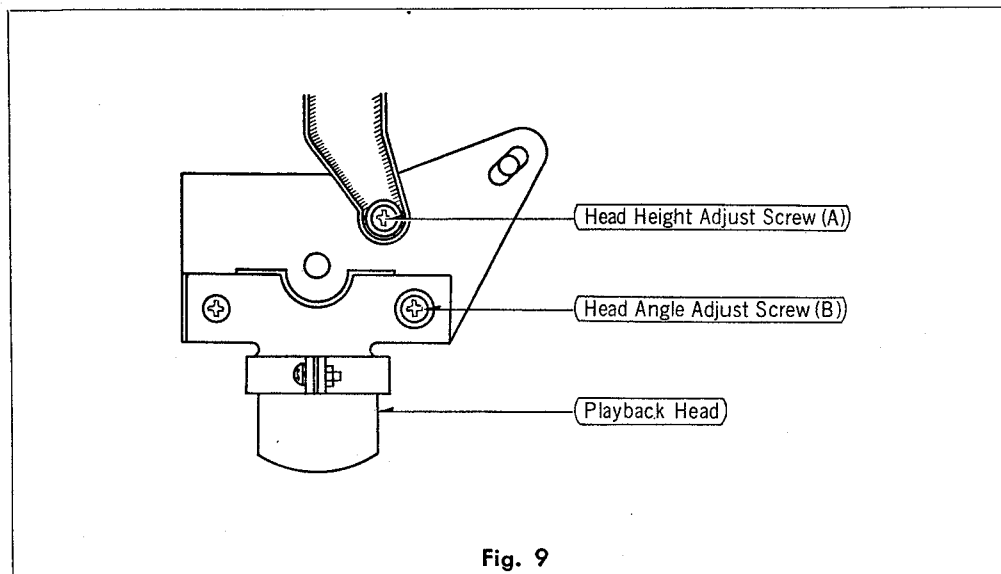


Fig. 8

Instrument required: VTVM (2 units) Angle adjustment standard tape (VTT809 or #326 made by RCA).  
Height position control tape

VTT801 or #321 made by RCA).  
Crosstalk adjustment standard tape (VTT804 or #328 made by RCA).

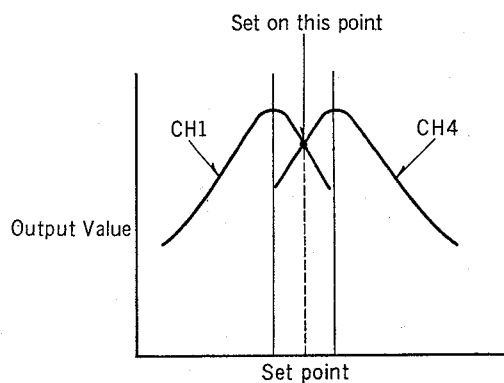
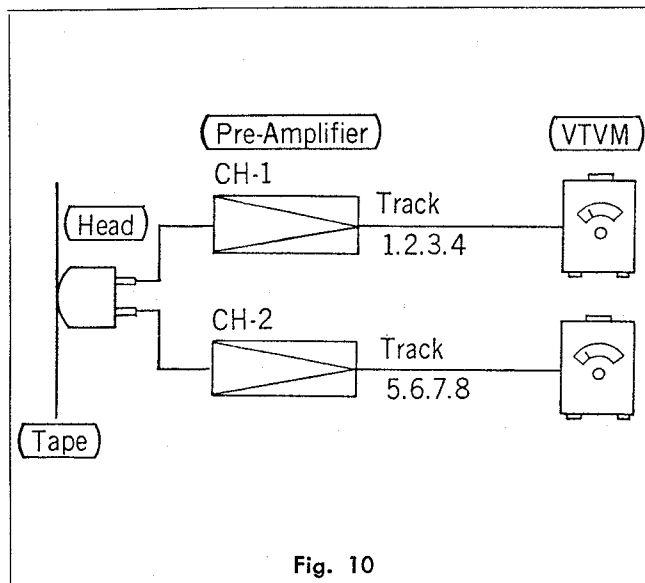
## HEAD POSITION CONTROL



1. Place the set into the mode of program 1.
2. Make an adjustment with the unaided eye by using the adjustment screw (A) shown in fig. 9, so that

the tape width and the head position becomes as shown in fig. 8.

## ANGLE ADJUSTMENT



1. Place the set into the mode of program 1, and playback the angle adjustment standard tape.
2. Connect 2 VTVMs to the line outputs of CH1 and CH2 so that both output values can be measured as shown in fig. 10.

3. Adjust the head angle adjust screw (B) shown in fig. 3 so that both output values become maximum simultaneously.
4. When the both values are not maximum on the same point, set it on the point where the both values are equal as shown in fig. 11.

## HEIGHT POSITION CONTROL

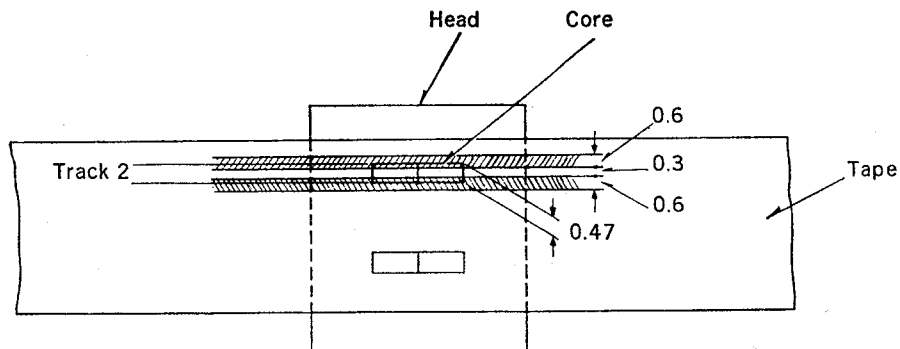


Fig. 12

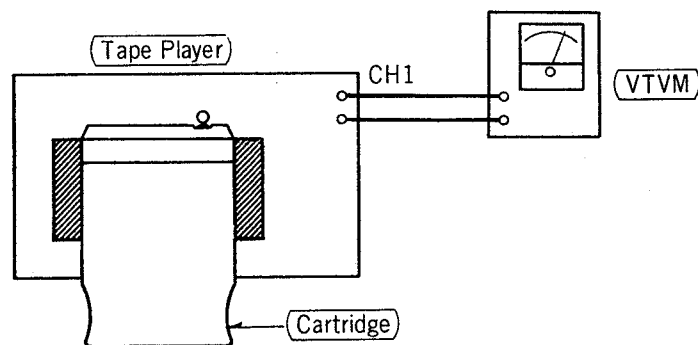


Fig. 13

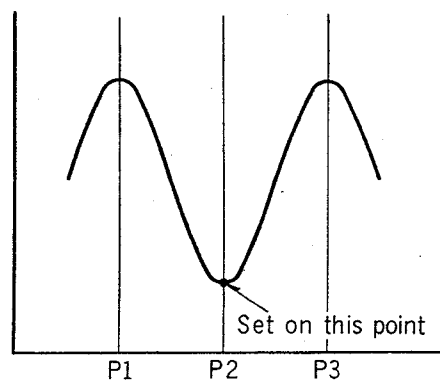


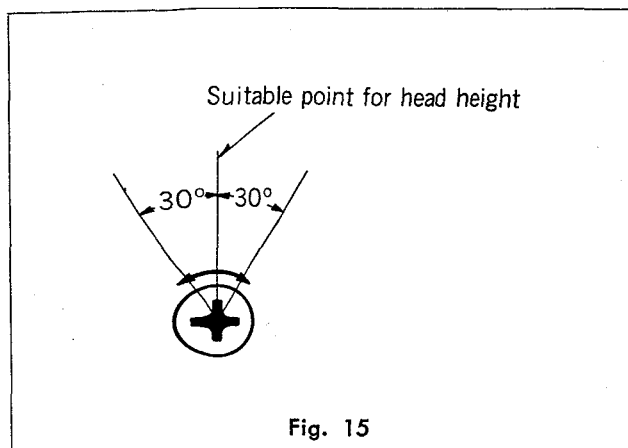
Fig. 14

The tape has two 1 kHz signals with opposite phase recorded above and below track 2 as shown in fig. 12.

1. Place the set to the program 2.
2. Connect the VTVM to the output of CH1 as shown in fig. 13.

3. Playback the height position control tape.
4. When turn the head height adjust screw (A) in fig. 3, confirm that the output varies as maximum → minimum → maximum as shown in fig. 14.
5. Set the adjust screw (A) at the minimum point.

## CROSSTALK

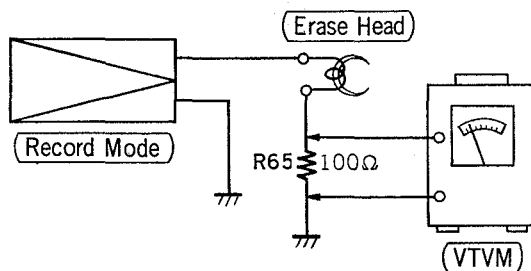


1. Measure the crosstalk between the adjacent tracks by playback the crosstalk adjustment tape. As for the crosstalk adjustment tape, signals of 400 Hz are recorded on tracks 1, 3, 5 and 7 and no signal on tracks 2, 4, 6 and 8.

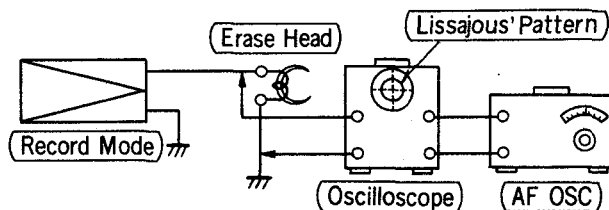
2. Connect the VTVM to output of CH1 as shown in fig. 15.
3. Playback the adjustment tape, change the program in turn and obtain the output ratio of the adjacent tracks.
4. The standard value is higher than 40 dB.
5. If the value is less than 40 dB, re-adjust the items height position control and angle adjustment above, and take the measurement over again.
6. Even if adjusted item 5 above, when the value is out of the standard, slightly adjust the head height adjust screw (A) but within 30 degrees far from the suitable point for head height as shown in fig. 15.

## TREATMENT AFTER ADJUSTMENT

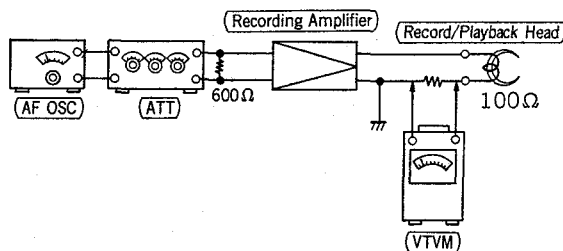
Paint-lock the adjustment screw (A) and (B).



**Fig. 16**

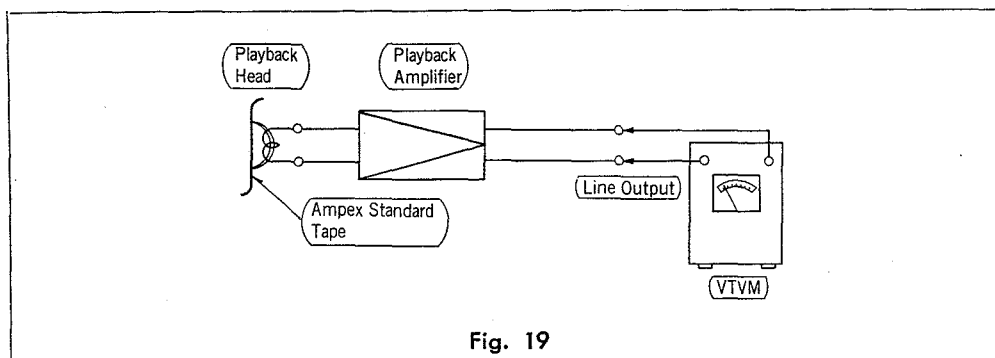


**Fig. 17**



**Fig. 18**





Measurement condition:

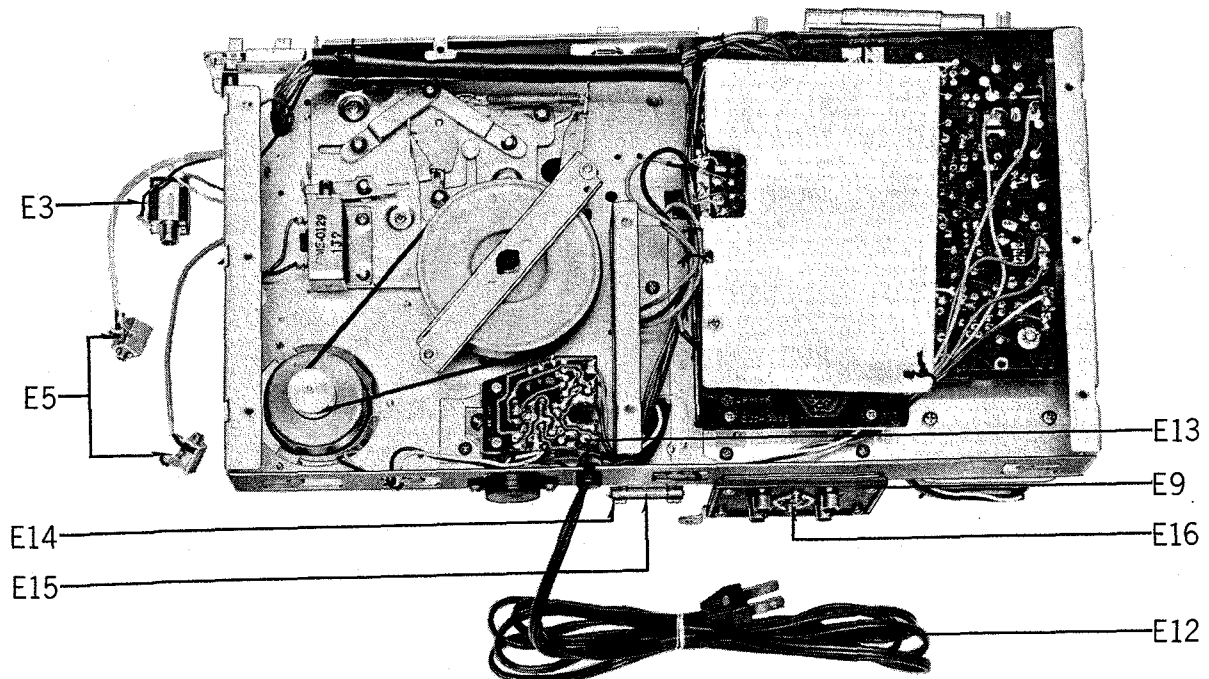
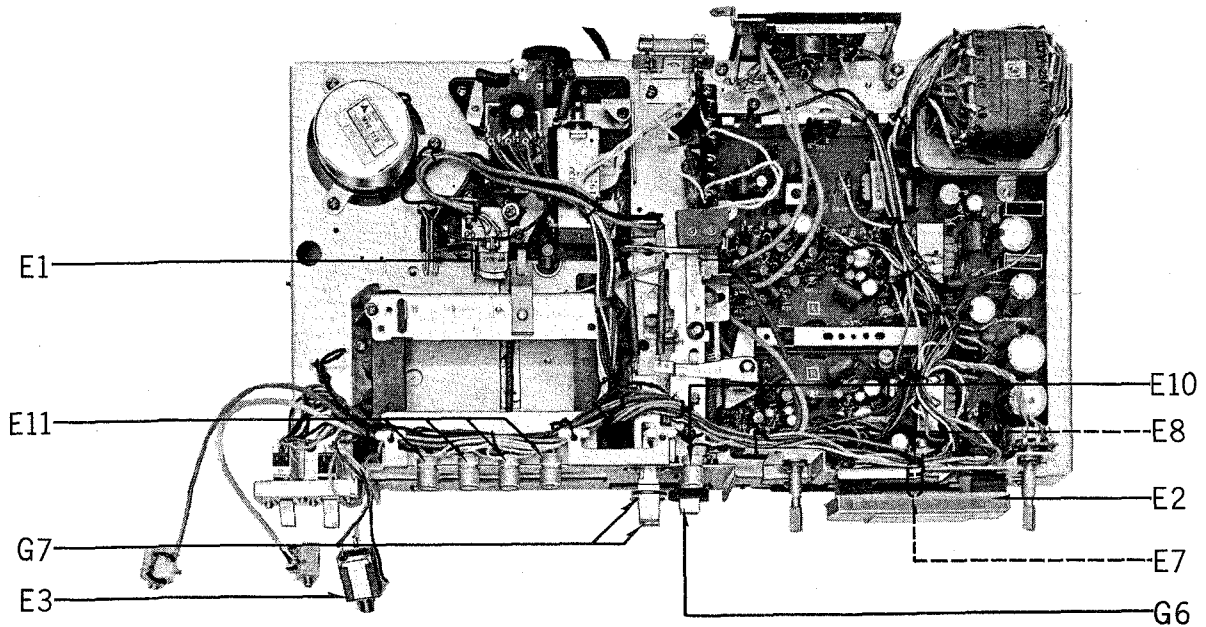
Power voltage..... AC 120 V; 50/60 Hz  
Volume control ... Maximum

Instruments required:

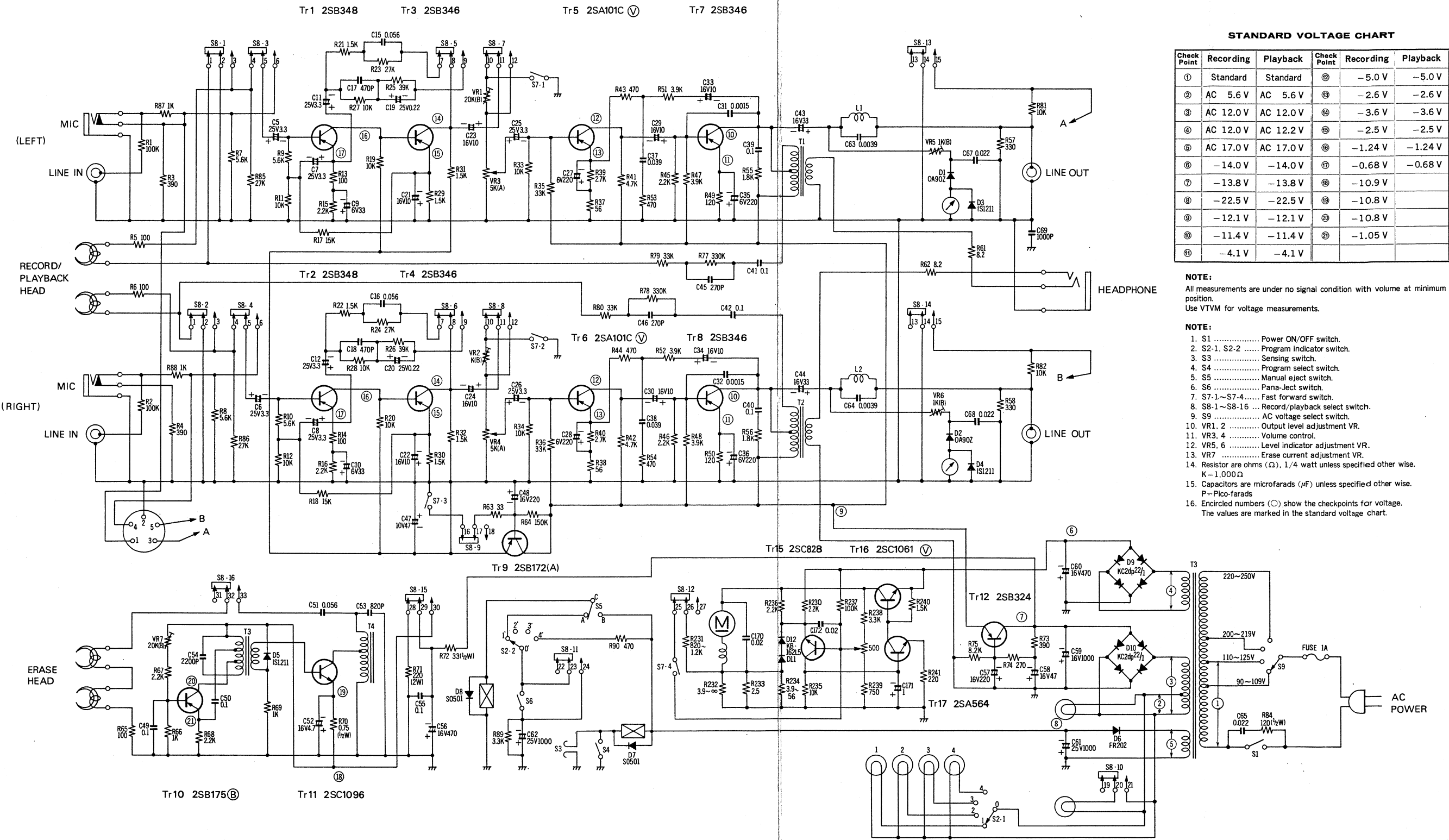
VTVM, AF OSC, oscilloscope, digital counter, test tape.

ITEM	SIGNAL SOURCE CONNECTION	OUTPUT CONNECTION	MODE	ADJUSTMENT	SPEC.	REMARKS
1	Adjustment of erase current.	VTVM to both ends of R65, as shown in fig. 16.	Record	T3 VR7	9 mA (0.9 V on VTVM)	1. Adjust T3 so that current becomes maximum. 2. Adjust VR7 to obtain the standard current value.
2	Measurement of bias oscillation frequency.	Oscilloscope with AF OSC to both ends of erase head, as shown in fig. 17.	Record	—	30~ 40 kHz	Adjust the AF OSC to obtain a circular and stationary Lissajous' Pattern on oscilloscope. The oscillation frequency is indicated by the scale of the AF OSC.
3	Measurement of recording level & adjustment of level indicator.	VTVM to both ends of R5 (for CH1) and R6 (for CH2), as shown in fig. 18.	Record	VR5 & VR6 for level indicator adjustment.	5 mV on VTVM; 0 VU on level indicator.	Stop the bias oscillation.
4	Adjustment of playback level.	Thread the test tape (400 Hz -0 dB) for SN measurement. VTVM to line output jack, as shown in fig. 19.	Playback	VR1 (for CH1) VR2 (for CH2)	0.8 V	Test tape is #323 made by RCA. Set the volume control to maximum.

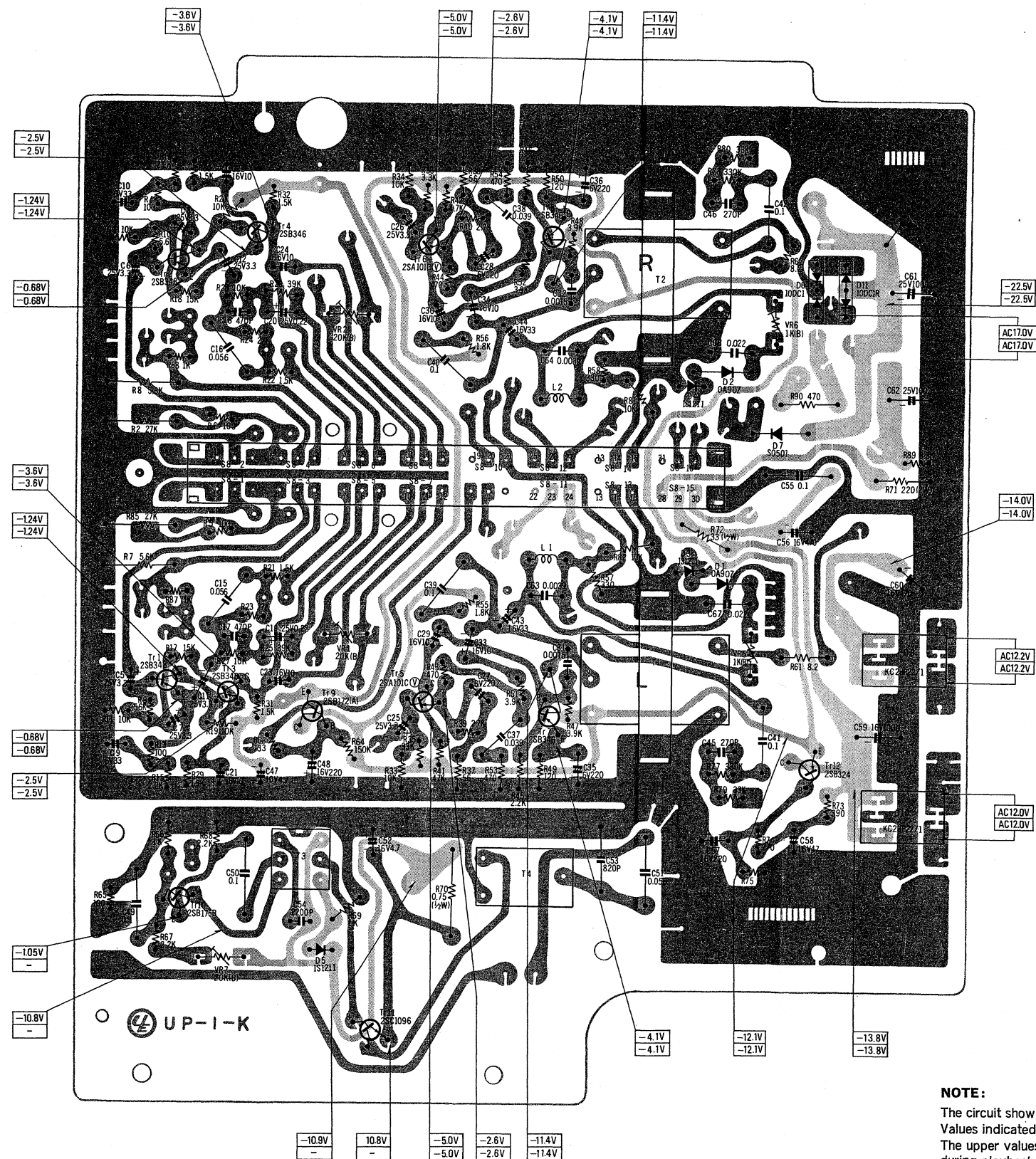
# ELECTRICAL PARTS LOCATION



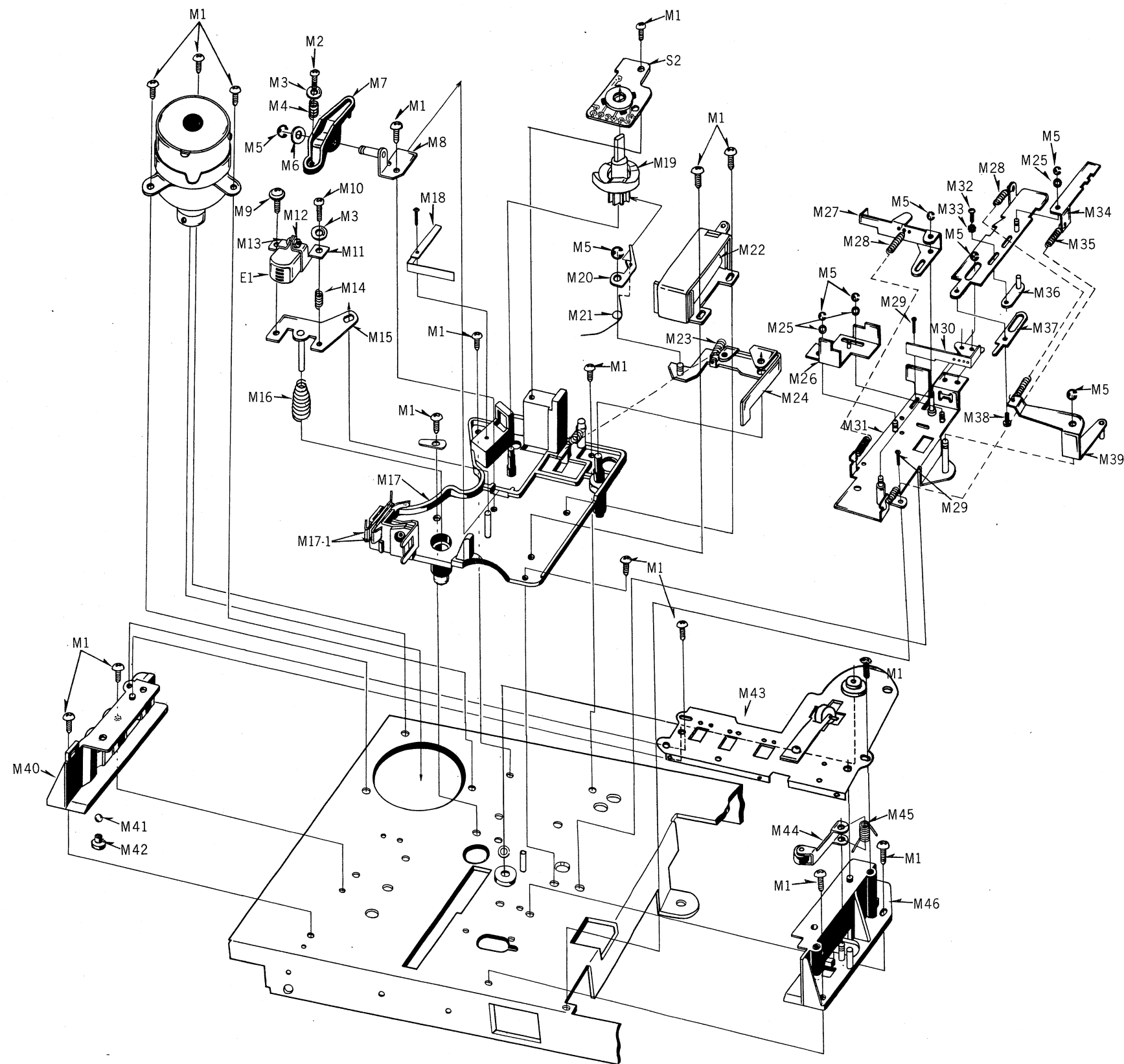
SCHEMATIC DIAGRAM MODEL RS-806US



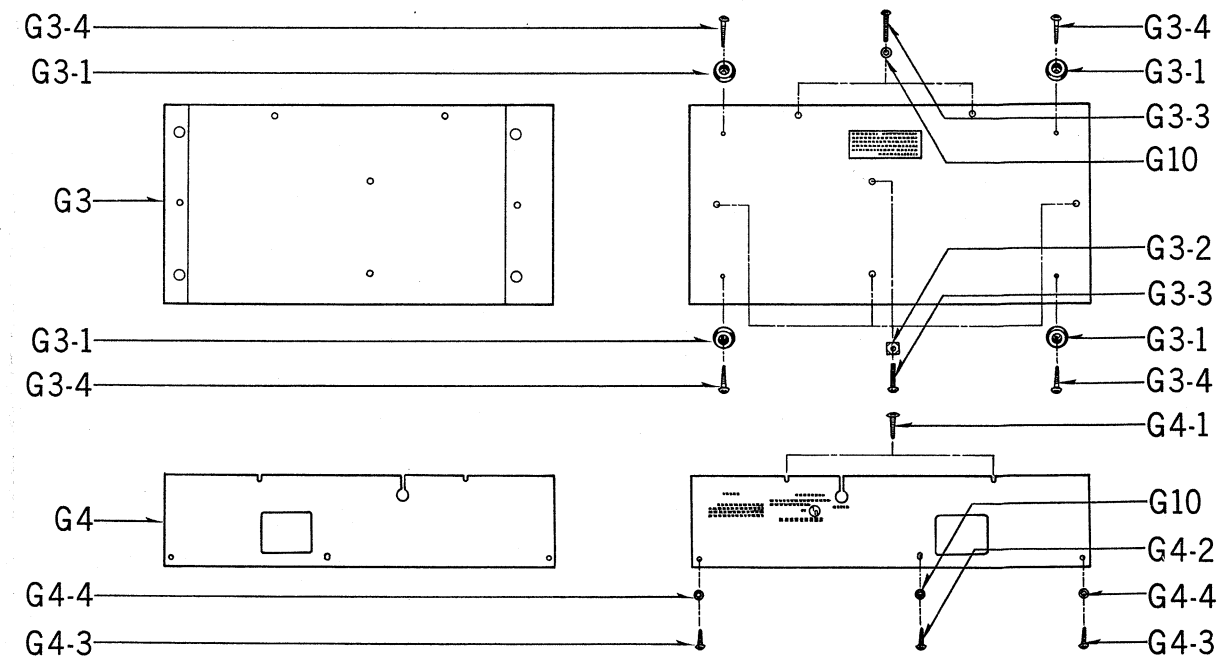
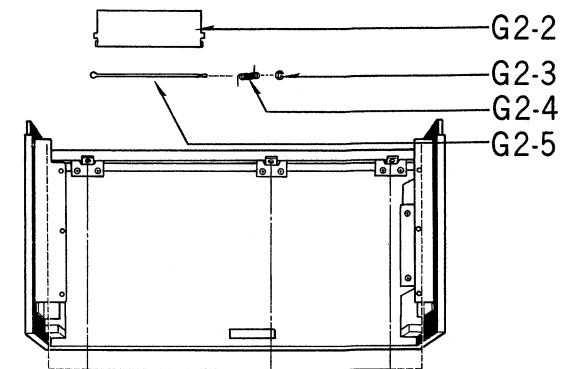
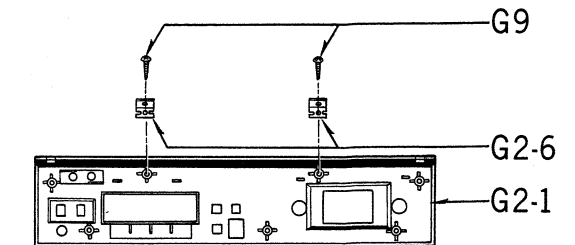
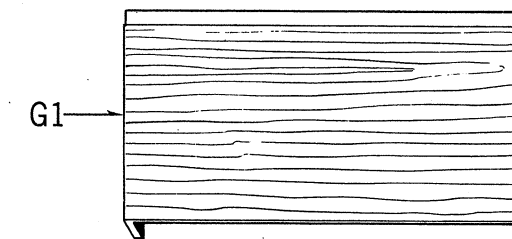
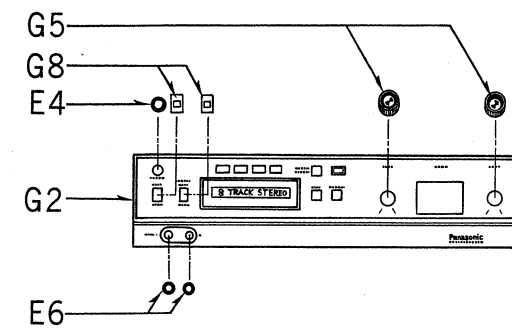
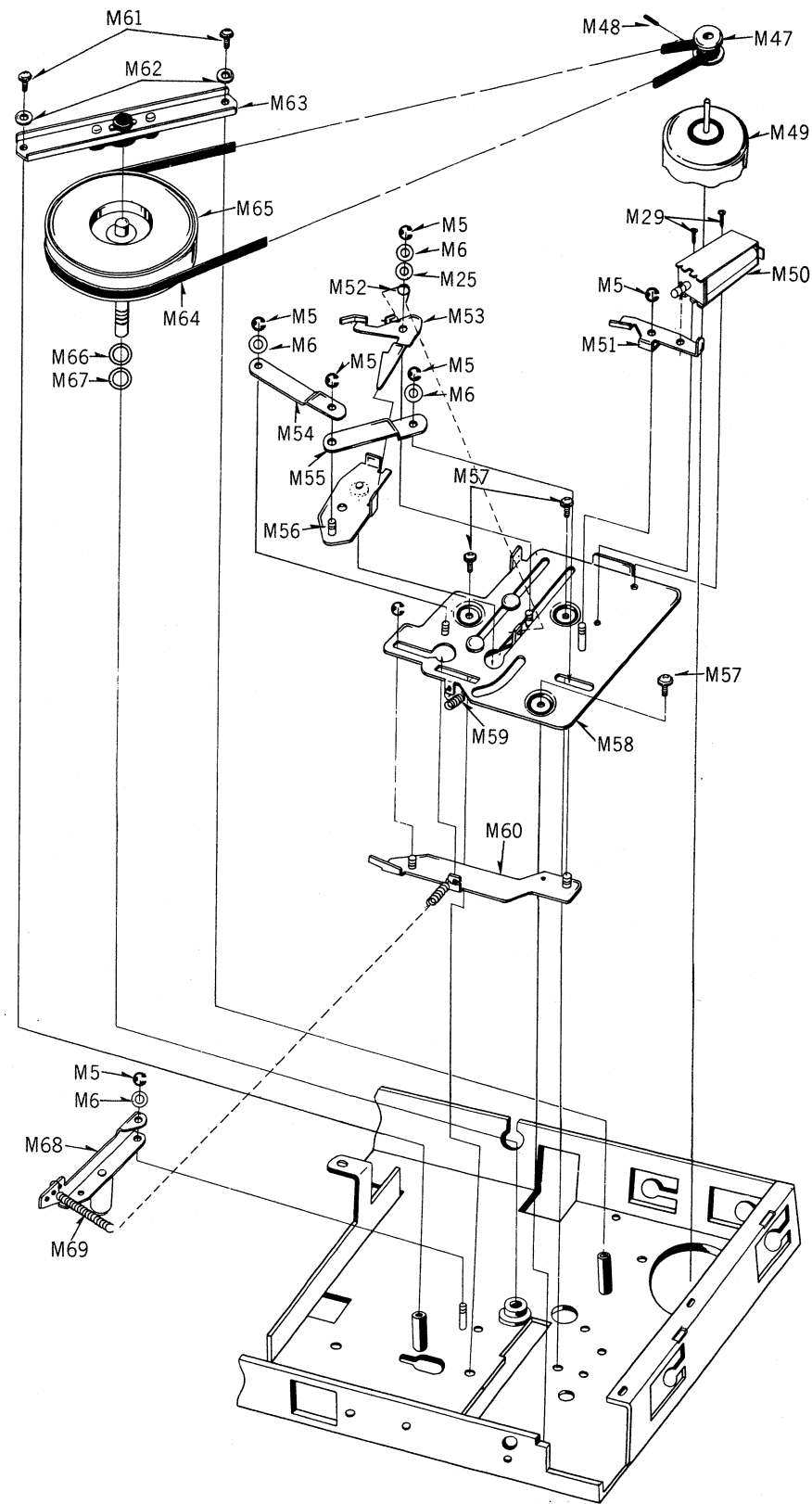
# CIRCUIT BOARD



# EXPLODED VIEWS



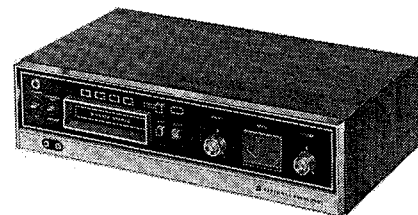
# CABINET PARTS



# REPLACEMENT PARTS LIST

MODEL RS-806US

NATIONAL PANASONIC



RS-806US

## NOTE:

1. Be sure to make your orders of Replacement Parts according to this List.
2. "X" in "Rank" Column indicates that the part are not supplyable.
3. "A, B and C" in "Rank" Column indicates the recommended stock of replacement parts. Refer to the recommended stock table on last page.
4. "★" in "Remarks" Column indicates New Parts.
5. "ISO" in "Remarks" Column indicates ISO Screw or Nut.

## NOTA:

1. Habrá que asegurarse que los pedidos de piezas de repuesto se hagan según esta lista.
2. "X" marcado en la columna "Rank", quiere decir que dichas piezas no pueden ser provistas.
3. "A, B y C" marcadas en la columna "Rank" indican el surtido que se recomienda tener de dichas piezas de repuesto.
4. "★" marcado en la columna "Remarks", quiere decir que las piezas son nuevas.
5. "ISO" marcado en la columna "Remarks", quiere decir que es un tornillo o tuerca "ISO".

## NOTE:

1. Bien s'assurer de se conformer à la liste suivante pour les commandes de pièces de rechange.
2. "X", dans la colonne "Rank", indique qu'il n'est pas possible de fournir ces pièces.
3. "A, B et C", dans la colonne "Rank", indiquent le stock recommandé de pièces de rechange. Se reporter en dernière page au tableau des stocks/recommandés.
4. "★", dans la colonne "Remarks", indique les pièces nouvelles.
5. "ISO", dans la colonne "Remarks", indique une vis ou un écrou ISO.

## HINWEIS:

1. Bestellen Sie Ihre Ersatzteile genau nach dieser Liste.
2. Mit "X" in der "Rank" Spalte aufgeführte Teile können nicht geliefert werden.
3. "A, B und C" in der "Rank" Spalte zeigt Ihnen den Vorrat der Ersatzteile an.
4. "★" in der "Remarks" Spalte bedeutet "neue Teile".
5. "ISO" in der "Remarks" Spalte bedeutet ISO-Schraube oder Mutter.

## 按:

1. 關於代用零件之訂購，務請依照此表而行之為荷。
2. 「等級」(Rank) 一欄中之 "X" 標記表示該零件無從供應。
3. 「等級」(Rank) 一欄中之 "A, B, C" 標記表示該零件有存貨，值得介紹。  
請參照最後一頁的「值得介紹存貨表」。
4. 「備考」(Remarks) 一欄中之 "★" 形符號標記表示該零件為新品。
5. 「備考」(Remarks) 一欄中之 "ISO" 符號標記表示國際標準化機構 (ISO) 式螺絲或螺母。

**RS-806US**

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
		<b><u>MECHANICAL PARTS</u></b>					
<b>C</b>	M1	Tapping Screw $\oplus 3 \times 8$	XTB3+8B	17			COMMON
<b>C</b>	M2	Adjust Screw	QH1088	1			RS-803US, 845US
<b>C</b>	M3	Flat Washer $3\phi$	XWG3	2			COMMON
<b>B</b>	M4	Head Height Adjust Spring	QBC1167	1			RS-845US
<b>C</b>	M5	Stop Ring E $3\phi$	XUC3FT	14			COMMON
<b>C</b>	M6	Fiber Washer $4.2 \times 9 \times 0.5$	QBK7005	4			COMMON
<b>C</b>	M7	Operating Arm	QML2058	1			RS-845US
<b>X</b>	M8	Operating Arm Retainer Unit	QXH0115	1			"
<b>C</b>	M9	Sems Screw $\oplus 3 \times 6$	XYN3+C6S	1			COMMON 
<b>C</b>	M10	Screw $\oplus 3 \times 10$	XSN3+10S	1			" 
<b>C</b>	M11	Head Holding Angle	QMH1184	1			RS-845US
<b>C</b>	M12	Nut $2.6\phi$	XNG26G	1			COMMON
<b>C</b>	M13	Screw $\oplus 2.6 \times 8$	XSN26+8	1			"
<b>C</b>	M14	Head Angle Adjust Spring	QBC1166	1			RS-845US
<b>B</b>	M15	Vertical Table Unit	QXH0113	1			"
<b>C</b>	M16	Head Pressure Spring	QBC1168	1			RS-845US
<b>X</b>	M17	Head Base Plate Assembly with S3	QXK1302	1			★
<b>C</b>	M17-1	Sensing Plate	QMH1198	2			RS-845US
<b>C</b>	M18	Stop Spring	QBP1400	1			"
<b>B</b>	M19	Cam	QMF1486	1			RS-804US
<b>C</b>	M20	Ratchet Plate	QMF1436	1			RS-845US
<b>C</b>	M21	Ratchet Spring	QBN1249	1			"
<b>B</b>	M22	Plunger	QME0130	1			"
<b>C</b>	M23	Program Select Spring	QBT1518M	1			"
<b>B</b>	M24	Change Arm Unit	QXL0520	1			"
<b>C</b>	M25	Fiber Washer $4.2 \times 9 \times 0.25$	QBK7007	4			COMMON
<b>C</b>	M26	Sub Record Lock Plate Unit	QXL0545	1			★
<b>C</b>	M27	Lock Release Lever	QML2239	1			★



## RS-806US



Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
<b>C</b>	M28	Switch Operate Spring	QBT1572M	2			★
<b>C</b>	M29	Tapping Screw $\oplus 3 \times 6$	XTN3+6F	4			COMMON
<b>C</b>	M30	Actuator	QBP1056	1			★
<b>C</b>	M31	Record Angle Unit	QXE0150	1			★
<b>C</b>	M32	Screw $\oplus 3 \times 6$	XSN3+6FKS	1			COMMON 
<b>C</b>	M33	Lock Washer $3\phi$	XWC3B	1			"
<b>C</b>	M34	Record Safety Metal	QML2238	1			★
<b>C</b>	M35	Lock Release Spring	QBT1571M	1			★
<b>C</b>	M36	Record Adjust Plate Unit	QXL0544	1			★
<b>C</b>	M37	Record Lever-B	QML2246	1			★
<b>C</b>	M38	Screw	XSNQ0004S	1			RS-840S 
<b>C</b>	M39	Record Operate Lever Unit	QXL0546	1			★
<b>C</b>	M40	Cartridge Guide-L	QMH1151	1			RS-845US
<b>B</b>	M41	Steel Ball $9/32"$	QDK1010	1			"
<b>C</b>	M42	Steel Ball Chock	QBJ1721	1			"
<b>C</b>	M43	Reinforcement Plate Unit	QXH0126S	1			★ 
<b>C</b>	M44	Eject Safety Lever Unit	QXL0475	1			RS-845US
<b>C</b>	M45	Eject Safety Spring	QBN1220	1			RS-845US
<b>X</b>	M46	Cartridge Guide-R	QMH1152	1			"
<b>B</b>	M47	Motor Pulley	QDP1415	1			★
<b>B</b>	M48	Motor Pulley Set Screw	XXA3DFK	1			★
<b>A</b>	M49	Motor	QDM1340A	1			★
<b>C</b>	M50	Plunger	QME0129	1			RS-840S
<b>X</b>	M51	Lock Release Lever	QML2050	1			RS-845US
<b>C</b>	M52	Eject Spring	QBN1177	1			"
<b>C</b>	M53	Toggle Plate-C	QMF1435	1			"
<b>X</b>	M54	Right Toggle Plate	QMF1432	1			"
<b>X</b>	M55	Left Toggle Plate	QMF1433	1			RS-845US
<b>X</b>	M56	Lock Arm Unit	QXH0116	1			"

**RS-806US**



Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
<b>C</b>	M57	Sems Screw $\oplus 3 \times 4$	XYN3+C4S	3			COMMON
<b>C</b>	M58	Eject Plate Unit	QXH0114	1			RS-804US
<b>C</b>	M59	Return Spring	QBT1576M	1			RS-845US
<b>C</b>	M60	Toggle Plate Unit	QXL0519	1			RS-845US
<b>C</b>	M61	Sems Screw $\oplus 2.6 \times 6$	XYN26+C6	2			COMMON
<b>C</b>	M62	Flat Washer 2.6 $\phi$	XWG26	2			"
<b>X</b>	M63	Flywheel Retainer Unit	QXH0127	1			★
<b>A</b>	M64	Flywheel Belt	QDB0135	1			RS-800US, 803US
<b>A</b>	M65	Flywheel Assembly	QXF0081	1			★
<b>C</b>	M66	Fiber Washer 6.2 $\times$ 11 $\times$ 0.25	QBK7003	1			COMMON
<b>C</b>	M67	Fiber Washer 6.2 $\times$ 11 $\times$ 0.5	QBK7056	1			"
<b>C</b>	M68	Lock Lever Unit	QXL0474	1			RS-845US
<b>C</b>	M69	Lock Lever Spring	QBT1292M	1			"
<b>C</b>	M70	Oil Prevent Washer	QBG1351	1			★
		<b><u>RESISTORS</u></b>					
<b>B</b>	R1, 2	Carbon Resistor 100 K $\Omega$ 1/4 W	ERD14TJ104	2			
<b>B</b>	R3, 4	" 390 $\Omega$ 1/4 W	ERD14TJ391	2			
<b>B</b>	R5, 6, 65	" 100 $\Omega$ 1/4 W	ERD14TJ101	3			
<b>B</b>	R7, 8	" 5.6 K $\Omega$ 1/4 W	ERD14TJ562	2			
<b>B</b>	R9, 10	" 5.6 K $\Omega$ 1/4 W	ERD14VJ562	2			
<b>B</b>	R11, 12, 19, 20, 27, 28, 33, 34, 81, 82						
		Carbon Resistor 10 K $\Omega$ 1/4 W	ERD14VJ103	10			
<b>B</b>	R13, 14	" 100 $\Omega$ 1/4 W	ERD14VJ101	2			
<b>B</b>	R15, 16, 45, 46, 67, 68	" 2.2 K $\Omega$ 1/4 W	ERD14VJ222	6			
<b>B</b>	R17, 18	" 15 K $\Omega$ 1/4 W	ERD14VJ153	2			
<b>B</b>	R21, 22, 29, 30, 31, 32	Carbon Resistor 1.5 K $\Omega$ 1/4 W	ERD14VJ152	6			
<b>B</b>	R23, 24	Carbon Resistor 27 K $\Omega$ 1/4 W	ERD14VJ273	2			
<b>B</b>	R25, 26	" 39 K $\Omega$ 1/4 W	ERD14VJ393	2			
<b>B</b>	R35, 36, 79, 80	" 33 K $\Omega$ 1/4 W	ERD14VJ333	4			

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
<b>B</b>	R37, 38	Carbon Resistor 56Ω 1/4 W	ERD14VJ560	2			
<b>B</b>	R39, 40	" 2.7 KΩ 1/4 W	ERD14VJ272	2			
<b>B</b>	R41, 42	Carbon Resistor 4.7 KΩ 1/4 W	ERD14VJ472	2			
<b>B</b>	R43, 44, 53, 54, 90	" 470Ω 1/4 W	ERD14VJ471	5			
<b>B</b>	R47, 48, 51, 52	" 3.9 KΩ 1/4 W	ERD14VJ392	4			
<b>B</b>	R49, 50	" 120Ω 1/4 W	ERD14VJ121	2			
<b>B</b>	R55, 56	" 1.8 KΩ 1/4 W	ERD14VJ182	2			
<b>B</b>	R57, 58	Carbon Resistor 330Ω 1/4 W	ERD14VJ331	2			
<b>B</b>	R61, 62	" 8.2Ω 1/4 W	ERD14VJ8R2	2			
<b>B</b>	R63	" 33Ω 1/4 W	ERD14VJ330	1			
<b>B</b>	R64	" 150 KΩ 1/4 W	ERD14VJ154	1			
<b>B</b>	R66, 69, 87, 88	" 1 KΩ 1/4 W	ERD14VJ102	2			
<b>B</b>	R70	Wire-wound Resistor 0.75Ω 1/2 W	ERM12PJR75	1			
<b>B</b>	R71	" 220Ω 2 W	ERM2P221	1			
<b>B</b>	R72	Solid Resistor 33Ω 1/2 W	ERC12GM330	1			
<b>B</b>	R73	Carbon Resistor 390Ω 1/4 W	ERD14VJ391	1			
<b>B</b>	R74	" 270Ω 1/4 W	ERD14VJ271	1			
<b>B</b>	R75	Carbon Resistor 8.2 KΩ 1/4 W	ERD14VJ822	1			
<b>B</b>	R77, 78	" 330 KΩ 1/4 W	ERD14VJ334	2			
<b>B</b>	R84	Solid Resistor 120Ω 1/2 W	ERC12GM121	1			
<b>B</b>	R85, 86	Carbon Resistor 27 KΩ 1/4 W	ERD14TJ273	2			
<b>B</b>	R89	" 3.3 KΩ 1/4 W	ERD14VJ332	1			
		<b><u>VARIABLE RESISTORS</u></b>					
<b>A</b>	VR1, 2, 7	Semi-fixed Variable Resistor 20 KΩ (B)	EVLT0AA00B24	3			RS-280S
<b>A</b>	VR3, 4	Variable Resistor 5 KΩ (A)	EVCB0AL35A53	2			★
<b>A</b>	VR5, 6	Semi-fixed Variable Resistor 1 KΩ (B)	EVLT0AA00B13	2			RS-803US
		<b><u>CAPACITORS</u></b>					
<b>B</b>	C5, 6, 7, 8, 11, 12, 25, 26	Electrolytic Capacitor 25 V 3.3μF	ECEA25V3R3L	8			
<b>B</b>	C9, 10	" 6 V 33μF	ECEA6V33L	2			

**RS-806US**

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
<b>C</b>	E4	Headphone Jack Nut	QNQ1033	1			COMMON
<b>A</b>	E5	M3 Jack	QJA0115	2			"
<b>C</b>	E6	M3 Jack Nut	QNQ1037	2			COMMON
<b>A</b>	E7	Pilot Lamp	XAM30TW	1			"
<b>C</b>	E8	Pilot Lamp Socket	QJS0121	1			"
<b>C</b>	E9	Jack Board Assembly	QEJ0210	1			★
<b>A</b>	E10	Record Indication Lamp	XAMQ11P200	1			★
<b>A</b>	E11	Indication Lamp	XAMQ11P300	4			★
<b>B</b>	E12	AC Cord	QFC1041	1			COMMON
<b>C</b>	E13	Cord Bushing	QTD1126A	1			"
<b>C</b>	E14	Fuse Holder Unit	QEQ1174	1			★
<b>A</b>	E15	Fuse 1A	XBA1E10NR3	1			COMMON
<b>B</b>	E16	5 P DIN Socket	QJS0723	1			RS-735US, 768US,820S
		<b><u>CABINET PARTS</u></b>					
<b>B</b>	G1	Body Case Assembly	QYJ1276	1			★
<b>B</b>	G2	Panel Assembly	QYP0326S	1			★ 
<b>C</b>	G2-1	Front Panel Assembly	QYP0347	1			★
<b>B</b>	G2-2	Cartridge Lid	QKF1422	1			RS-845US
<b>C</b>	G2-3	Stop Ring E1.5φ	XUC15FT	1			COMMON
<b>B</b>	G2-4	Lid Spring	QBN1197	1			RS-804US
<b>C</b>	G2-5	Rod	QMR1075	1			RS-845US
<b>C</b>	G2-6.	Panel Metal-B	QKT1445S	2			★
<b>C</b>	G3	Bottom Board	QKU1135	1			★
<b>C</b>	G3-1	Rubber Foot	QKA1030A	4			RS-803US
<b>C</b>	G3-2	Washer	QWQ1083	4			COMMON
<b>C</b>	G3-3	Screw $\Phi 4 \times 16$	XSN4+16RS	6			" 
<b>C</b>	G3-4	"	XMM35+15	4			"
<b>C</b>	G4	Back Board	QKU1173	1			★
<b>C</b>	G4-1	Screw	QHQ1094	2			RS-806US

**RS-806US**

Rank	Ref. No.	Description	Part No.	Pcs/ Set	Price (Per Pce.)		Remarks
<b>C</b>	G4-2	Screw $\oplus 3 \times 8$	XSN3+8S	1			COMMON 
<b>C</b>	G4-3	Screw $\oplus 3.1 \times 10$	XMM31+10	2			"
<b>C</b>	G4-4	Washer	XWG3	2			"
<b>A</b>	G5	Volume Knob Assembly	QGT3037	2			★
<b>A</b>	G6	Record Button Assembly	QXB0118A	1			★
<b>A</b>	G7	Button Assembly	QXB0117A	2			★
<b>C</b>	G8	Spacer	QBJ1489	2			★
<b>C</b>	G9	Tapping Screw $\oplus 3 \times 8$	XTM3+8	7			COMMON
<b>C</b>	G10	Washer	QWQ1003	3			"
		<b><u>ACCESSORIES</u></b>					
<b>A</b>	A1	Connection Cord-G	QEB0060P	2			RS-845US
<b>A</b>	A2	Head Cleaning Bar	QFQ1025	1			"
<b>A</b>	A3	Cartridge tape	QFT80GNRA1	1			RS-804US
<b>A</b>	A4	Plug Adaptor	QJP0603S	1			COMMON 
<b>A</b>	A5	Instruction Book	QQT1677	1			★
		<b><u>PACKINGS</u></b>					
<b>C</b>	P1	Inside Carton	QPN2651	1			★
<b>C</b>	P2	Inner Cushion	QPN2569	2			★
<b>C</b>	P3	Accessory Bag	QFV0047	1			RS-845US
<b>C</b>	P4	Dust Cover	XZB60X50A05	1			RS-813S

**RECOMMENDED STOCK OF REPLACEMENT PARTS**

Rank of Part	Estimated Selling Q'ty of Tape Recorder Set					
	Less than 50	100	300	500	1,000	2,000
<b>A</b> rank Parts	2	5	15	20	40	80
<b>B</b> rank Parts	1	2	5	10	20	40
<b>C</b> rank Parts	0	1	3	5	10	20